

SEQUENCE LISTING

<110> Tong, et al.

<120> METHODS AND COMPOSITIONS FOR DIAGNOSING AND TREATING
DISORDERS INVOLVING ANGIOGENESIS

<130> PC10790A

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<160> 4

<170> PatentIn Ver.. 2.1

<210> 1

<211> 829

<212> DNA

<213> CANINE PRO ENDOSTATIN NUCLEOTIDE SEQUENCE

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<212> PRT

<213> CANINE PRO ENDOSTATIN AMINO ACID SEQUENCE

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Pro Gln Pro Tyr Pro Gly Ala Pro His His Gly Ser Tyr Val His Phe

20

25

30

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 35 40 45

His Gln Asp Phe Gln Leu Val Leu His Leu Val Ala Leu Asn Ser Pro
 50 55 60

Gln Pro Gly Gly Met Arg Gly Ile Arg Gly Ala Asp Phe Gln Cys Phe
 65 70 75 80

Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala Phe Leu
 85 90 95

Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala Asp Arg
 100 105 110

Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe Pro Ser
 115 120 125

Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro Gly Ala
 130 135 140

Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro Ala Trp
 145 150 155 160

Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg Arg Leu
 165 170 175

Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala Ala Thr
 180 185 190

Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln Glu Ala
 195 200 205

Ala Ser Cys Arg His Ala Phe Val Val Leu Cys Ile Glu Asn Ser Val
 210 215 220

Met Thr Ser Phe Ser Lys
 225 230

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<212> DNA
<213> CANINE ENDOSTATIN NUCLEOTIDE SEQUENCE

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gggctggccg gcaccttccg ggccttcctg tcgtcgccgc tgcaggacct ctacagcatc 180
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cccagctggg aggccattt ctcggctcc gagggccagc tgaagcccg ggccgcac 300
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<212> PRT

<213> CANINE ENDOSTATIN AMINO ACID SEQUENCE

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Cys Phe Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala
35 40 45

Phe Leu Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala
50 55 60

Asp Arg Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe
65 70 75 80

Pro Ser Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro
85 90 95

Gly Ala Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro
100 105 110

Ala Trp Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg
115 120 125

Arg Leu Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala
130 135 140

Ala Thr Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln
145 150 155 160

Glu Ala Ala Ser Cys Arg His Ala Phe Val Val Leu Cys Ile Glu Asn
165 170 175

Ser Val Met Thr Ser Phe Ser Lys
180

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